

CLAIMS

What is claimed is:

1. A pool cover assembly, comprising:
 - a pool cover having an aperture extending therethrough; and
 - 5 a drain assembly attached to said pool cover, wherein said drain assembly comprises:
 - a debris filter;
 - a basin interconnected with said debris filter, wherein said aperture and at least a portion of said pool cover are disposed between said debris filter and said basin, wherein a weight density of said drain assembly greater than that of water.
- 10 2. A pool cover assembly, as claimed in Claim 1, wherein:
 - a weight of said drain assembly is between about 5 pounds and about 9 pounds.
3. A pool cover assembly, as claimed in Claim 1, wherein:
 - said drain assembly includes a dead weight disposed in said basin.
4. A pool cover assembly, as claimed in Claim 3, wherein:
 - 15 said drain assembly includes a dead weight disposed on a floor of said basin.
5. A pool cover assembly, as claimed in Claim 1, wherein:
 - said drain assembly further comprises a weighting feature having a first connector portion, and wherein a bottom of said basin of said drain assembly comprises a second connector portion engagable with said first connector portion.
- 20 6. A pool cover assembly, as claimed in Claim 1, wherein:
 - said drain assembly includes a water pump disposed within said basin.

7. A pool cover assembly, as claimed in Claim 1, further comprising:
a drainage conduit connected to said basin of said drain assembly.
8. A pool cover assembly, as claimed in Claim 7, wherein:
said drainage conduit exhibits a weight density greater than that of water.

9. A pool cover assembly, comprising:
- a pool cover having a top surface, an opposing bottom surface, and an aperture that spans from said top surface to said bottom surface; and
- a drain assembly attached to said pool cover, wherein said drain assembly comprises a debris filter disposed within said aperture of said pool cover.
10. A pool cover assembly, as claimed in Claim 9, wherein:
- at least a portion of said debris filter extends through said aperture in said pool cover and is disposed beyond said bottom surface of said pool cover.
11. A pool cover assembly, as claimed in Claim 10, wherein:
- 10 at least a portion of said debris filter sticks out from said aperture in said pool cover and is disposed beyond said top surface of said pool cover.
12. A pool cover assembly, as claimed in Claim 9, wherein:
- said drain assembly exhibits a weight of between about 5 pounds and about 9 pounds.
13. A pool cover assembly, as claimed in Claim 9, wherein:
- 15 said drain assembly comprises a conduit interconnected with said debris filter.
14. A pool cover assembly, as claimed in Claim 13, wherein:
- said drain assembly includes a dead weight disposed within said conduit to weight down said drain assembly.
15. A pool cover assembly, as claimed in Claim 13, wherein:
- 20 said conduit comprises a basin and a pipe connected to said basin.
16. A pool cover assembly, as claimed in Claim 15, wherein:

said drain assembly includes a dead weight weighing at least about 5 pounds disposed within said basin.

17. A pool cover assembly, as claimed in Claim 15, wherein:

5 said debris filter is connected to said basin, and wherein said basin interconnects said debris filter and said pipe.

18. A pool system, comprising:

a pool having a floor and at least one side wall; and

a pool cover assembly comprising a pool cover having an aperture defined therein and a drain assembly attached to said pool cover and associated with said aperture of said pool cover,
5 wherein said drain assembly includes a debris filter, and
wherein said drain assembly exhibits a weight sufficient to position at least a portion of said drain cover at or below a water level of said pool.

19. A pool system, as claimed in Claim 18, wherein:

said weight of said drain assembly is between about 5 pounds and about 9 pounds.

10 20. A pool system, as claimed in Claim 18, wherein:

said debris filter has a substantially concave side that faces said bottom of said pool.

21. A pool system, as claimed in Claim 18, wherein:

said drain assembly includes a dead weight disposed within said drain assembly.

22. A pool system, as claimed in Claim 18, wherein:

15 said drain assembly comprises a conduit interconnecting said debris filter and a port associated with said side of said pool.

23. A pool system, as claimed in Claim 22, wherein:

said conduit exhibits weight density of no less than about 62 lb per cubic foot.

24. A pool system, as claimed in Claim 22, wherein:

20 said drain assembly includes a dead weight disposed within said conduit.

25. A pool system, as claimed in Claim 18, wherein:

said drain assembly comprises a basin interconnected with said debris filter and a conduit connected to said basin.

26. A pool system, as claimed in Claim 25, wherein:

a dead weight of at least about _____ pounds is disposed within said basin.

5 27. A pool system, as claimed in Claim 25, wherein:

a dead weight of at least about _____ pounds is attached to a bottom of said basin, wherein said dead weight is disposed between said basin and said floor of said pool.

28. A pool system, as claimed in Claim 25, wherein:

said drain assembly includes a water pump disposed within said basin.

10 29. A pool system, as claimed in Claim 18, wherein:

said debris filter is releasably interconnected with a portion of said drain assembly in a snap-on fashion.

30. A pool cover assembly, comprising:
 - a pool cover having an aperture extending therethrough;
 - a drain assembly attached to said pool cover, wherein said drain assembly comprises:
 - a debris filter;
 - 5 a basin interconnected with said debris filter, wherein said aperture and at least a portion of said pool cover are disposed between said debris filter and said basin; and
 - a water pump disposed within said basin, wherein a weight density of said drain assembly is substantially equal to or greater than that of water; and
 - a drainage conduit connected to said basin, wherein said drainage conduit exhibits a weight
 - 10 density substantially equal to or greater than that of water.